

ABSTRACT OF THE DISCLOSURE

A rotating shaft seal assembly for a shaft supported for rotation within a housing includes a traction drive rotating a seal ring about the shaft at a speed different from the shaft. The seal ring supports a plurality of seal elements rotated at the speed different from the shaft. The reduced speed of the sealing elements and reduced pressure at each seal reduces the PV level allowing the use of known sealing materials in applications otherwise not within applicable PV levels.

N:\Clients\Hamilton Sundstrand\p00054\Patent\Patent Application 67010-054.Doc